

APPLICATION

of

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for

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on

SAUNA CABIN ASSEMBLY SYSTEM AND METHOD

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# SAUNA CABIN ASSEMBLY SYSTEM AND METHOD

## BACKGROUND OF THE INVENTION

### Field of the Invention:

The present invention relates generally to a sauna cabin assembly, and, more particularly, relates to a an assembly system for enabling the securing of a sauna frontal panel and a pair of sauna side panels together.

### Description of the Related Art:

A sauna cabin is able to be assembled from pre-fabricated panels, including a front panel and a pair of side panels. It is desirable to enable the front panel and the pair of side panels to be secured together such that the securing elements are not visible on the outside surfaces thereof.

Therefore, there has existed a need for a system which is capable of securing the front panel and the pair of side panels together so that the securing elements are not visible. The present invention fulfills these needs.

## SUMMARY OF THE INVENTION

Briefly, and in general terms, the present invention enables the assembly of a front panel of a sauna cabin to each of a pair of side panels of the sauna cabin, so as to hide a plurality of securing elements for securing the front panel and each of the pair of side panels together.

The system includes multiple securing elements, including multiple front panel edge securing elements, and multiple side panel edge securing elements which are complementary to and interengageable with the multiple front panel edge

securing elements, to enable the assembly of the sauna cabin front panel to each of the pair of sauna cabin side panels, so as to hide the multiple securing elements.

Other features and advantages will become apparent from the following detailed description, taken in conjunction with the accompanying drawings, which  
5 describe and illustrate, by way of example, the features of the invention.

### BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is an elevational view of a front panel and side panel securing elements of a sauna cabin assembly system in accordance with the present invention.

10 FIG. 2 is a side elevational view of a front panel and front panel securing elements of a sauna cabin assembly system in accordance with the present invention.

FIG. 3 is a top plan view of a front panel and side panels of a sauna cabin assembly system in accordance with the present invention.

15 FIG. 4 is a an elevational view of a securing element in accordance with the present invention.

FIG. 5 is a an exploded perspective view of a sauna cabin in accordance with the present invention.

20 FIG. 6 is a perspective view of an assembled sauna cabin in accordance with the present invention.

### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring to the drawings, and in particular to FIGS. 1-6, there is shown a sauna cabin assembly system 10, for enabling the assembly of a front panel 12 of a

sauna cabin 14 to each of a pair of side panels 16 of the sauna cabin 14, so as to hide a plurality of securing elements 18 for securing the front panel 12 and each of the pair of side panels 16 together.

5 The system includes a plurality of securing elements 18, including a plurality of front panel edge securing elements 20, and a plurality of side panel edge securing elements 22 which are complementary to and interengageable with the plurality of front panel edge securing elements 20. The plurality of securing elements 18 enable the assembly of the sauna cabin front panel 12 to each of the pair of sauna cabin side panels 16, so as to hide the plurality of securing elements 18.

10 Each of the plurality of front panel edge securing elements 20 comprises a front panel edge bracket. Each of the plurality of front panel edge brackets 20 includes a pair of side securable portions 24 and a medial interengageable portion 26. Each of the plurality of front panel edge brackets 20 is generally w-shaped.

15 Each of the plurality of side panel edge securing elements 22 comprises a side panel edge bracket. Each of the plurality of side panel edge brackets 22 includes a pair of side securable portions 28 and a medial interengageable portion 30. The pair of side securable portions 28 of each of the plurality of side panel edge brackets 22 are securable to one of the pair of side panels 16, and the medial interengageable portion 30 of each of the plurality of side panel edge brackets 22 is engageable with the medial interengageable portion 26 of each of the plurality of front panel edge brackets 20. Each of the plurality of side panel edge brackets 22 is generally m-shaped.

25 As illustrated in FIGS. 1-6, in a method for use of the system 10, the sauna cabin front panel 12 is assembled to each of the pair of sauna cabin side panels 16 by interengaging the plurality of front panel edge securing elements 20 with the complimentary and interengageable plurality of side panel edge securing elements 22.

Each of the plurality of front panel edge brackets 20 is interengaged with the complimentary and interengageable plurality of side panel edge securing elements 22. The pair of side securable portions 24 of each of the plurality of side panel edge brackets 22 are securable to one of the pair of side panels 16, and the medial  
5 interengageable portion 26 of each of the plurality of front panel edge brackets 20 is interengaged with the complementary and interengageable plurality of side panel edge securing elements 22. The plurality of generally w-shaped front panel edge brackets 24 are interengaged with the complementary and interengageable plurality of side panel edge brackets 22.

10 Each of the plurality of side panel edge brackets 22 is interengaged with the complementary and interengageable plurality of front panel edge securing elements 20. The pair of side securable portions 28 of each of the plurality of side panel edge brackets 22 are securable to one of the pair of side panels 16, and the medial interengageable portion 30 of each of the side panel edge brackets 22 is  
15 interengaged with the medial interengageable portion 26 of each of the complementary and interengageable plurality of front panel edge brackets 20. The generally m-shaped side panel edge securing elements 22 are interengaged with the complementary and interengageable plurality of front panel edge securing elements 20.

20 From the foregoing it will be appreciated that the system of the present invention provides advantages in enabling the assembly of a sauna cabin so as to hide the securing elements which secure the sauna front panel to the sauna side panels. While several particular forms of the invention have been illustrated and described, it will be apparent that various modification can be made without  
25 departing from the spirit and scope of the invention. Accordingly, the invention is not to be limited, except as by the following claims.